

Environmental & Biomedical Testing Checklist - Mold Exposure Case

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Date: March 31, 2025

This checklist outlines the critical testing required to document toxic mold exposure, biological injury, and environmental violations with legal-grade integrity.

Environmental Testing (Residence & HVAC System):

ERMI (Environmental Relative Moldiness Index) - via EnviroBiomics or Mycometrics

HERTSMI-2 Score - subset of ERMI focused on high-risk molds

Actinomycetes & Endotoxins Panel - dust-based PCR (EnviroBiomics)

VOCs (Volatile Organic Compounds) - optional but useful for neurotoxicity

Industrial Hygienist Sampling - spore traps, swabs, tape lifts

Full Chain of Custody - for admissibility in court

Biomedical Testing (John & Jackie):

Urine Mycotoxin Panel - via Great Plains Lab or RealTime Labs

Nasal Fungal Culture + Gram Stain - via Microbiology DX or national lab

Stool O&P + Fungal Culture - rule out GI fungal colonization

Organic Acids Test (OAT) - evaluate oxalates and mold markers

Blood Tests: TGF-1, MMP-9, C4a, VEGF, CD57+ NK Cells

IgE + IgG Mold Allergen Panel - to detect mold-specific immune responses

Skin/Nail Scrapings (if symptomatic)